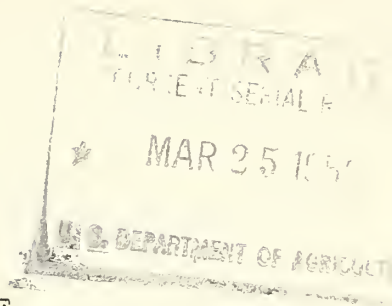


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UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
CROP DEVELOPMENT SECTION
BELTSVILLE, MARYLAND

1955

Attached is a list of fruit introductions which are now available as budwood to workers in the plant sciences. Descriptive notes are given where available. The varieties offered are not necessarily recommended for commercial planting. Some are very old varieties which were reintroduced at the request of one particular research worker, but in keeping with policies of the Department of Agriculture, they are offered to all. Several of the offerings are suggested for rootstock studies.

After indicating your requirements please return the check list only to the Coordinator of your Regional Plant Introduction Station so that it may be forwarded as quickly as possible to Beltsville. Requests will be filled in order of receipt.

Research workers in the various States are urged to make their wishes for additional foreign fruit and vegetable introductions known. Requests may be directed either to the Regional Coordinators or to the Horticulturist, Fruit and Vegetable Introductions, Crop Development Section, Beltsville, Maryland.

PLEASE SUPPLY THE FOLLOWING
INFORMATION IF YOU DESIRE PROPAGATION MATERIAL
FROM THIS LIST

-*-

Name _____

Address _____

Express address: _____

(Large shipments will be made by express with charges collect.)

NOTICE: Please check items desired and return this list as soon as possible to Fruit and Vegetable Introductions, Crop Development Section, U.S.D.A., Beltsville, Maryland:

Spring 1958

P. I. Number

P. I. Number

Apples

Grapes

199415 Aromatic Russet
199416 Hereford Red Streak
199417 Knobbed Russet
199418 Lamb Abbey Pearmain (a)
199419 Lamb Abbey Pearmain (b)
199420 Padley's Pippin
199421 Safstaholms
200576 Muscadet de Bernay
200780 Muscadet de Bernay
200781 Saint Martin
203812 Lowell
203813 Greenchisel
206025 Greenchisel
205048 Lord Lamborne
205049 Lord Lamborne
231789 Lord Lamborne
238789 Lord Lamborne
204588 Malus sp.
205460 Merton Beauty
205461 Merton Delight
205462 Merton Pippin
205559 M. prunifolia Sikora Type I
206542 Abbondanza
209939 M. sylvestris
220296 M. sylvestris
220529 M. sylvestris
220667 M. sylvestris
221939 M. sylvestris

213550 Cowtit
213552 Yaghooti
213821 Alhaghi
213829 White Shakani
214358 Kyoho
215413 Baco 2-16
215416 Burdin 4650
215417 Humbert 3
215418 Kuhlmann 149-3
215420 Kuhlmann 237-2
215423 Landot 760
215426 Seibel 13666
215429 Seyve-Villard 12-481
224215 Seyve-Villard 12-417
224216 Terzi 108.6
225919 Tetrastigma sp.
Pears
213909 Doyenne du Comice
231799 Doyenne du Comice
213908 Williams Bon Chretien
(Bartlett)
214185 Pyrus calleryana D6
233634 Pyrus calleryana D6
228012 Doetsu
228013 Ishiwase
228014 Kikusue
Quince
222101 Cydonia oblonga
West Indian Cherry
240685 Malpighia punicifolia

THE HISTORY OF THE CITY OF BOSTON FROM THE FIRST SETTLEMENT TO THE PRESENT TIME

By SAMUEL JOHNSON, LL.D.
 Author of the "Dictionary of the English Language," &c.
 Vol. I. BOSTON: Printed and Sold by S. KNEELAND, at the Sign of the Anchor, in the City.

1630	First Settlement	1634	First Town Meeting
1631	First Church	1635	First School
1632	First Jail	1636	First Court
1633	First Prison	1637	First Hospital
1634	First Almshouse	1638	First Theatre
1635	First Library	1639	First Observatory
1636	First Observatory	1640	First Bank
1637	First Bank	1641	First Mint
1638	First Mint	1642	First Post Office
1639	First Post Office	1643	First Custom House
1640	First Custom House	1644	First Exchange
1641	First Exchange	1645	First Bank of America
1642	First Bank of America	1646	First Bank of England
1643	First Bank of England	1647	First Bank of France
1644	First Bank of France	1648	First Bank of Spain
1645	First Bank of Spain	1649	First Bank of Portugal
1646	First Bank of Portugal	1650	First Bank of Italy
1647	First Bank of Italy	1651	First Bank of Holland
1648	First Bank of Holland	1652	First Bank of Belgium
1649	First Bank of Belgium	1653	First Bank of Prussia
1650	First Bank of Prussia	1654	First Bank of Russia
1651	First Bank of Russia	1655	First Bank of Austria
1652	First Bank of Austria	1656	First Bank of Sweden
1653	First Bank of Sweden	1657	First Bank of Denmark
1654	First Bank of Denmark	1658	First Bank of Norway
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1693	First Bank of Denmark	1697	First Bank of Norway
1694	First Bank of Norway	1698	First Bank of Sweden
1695	First Bank of Sweden	1699	First Bank of Denmark
1696	First Bank of Denmark	1700	First Bank of Norway

To regional coordinators for
restricted distribution to breeders

SERIES I. EVALUATION OF FOREIGN FRUITS AND NUTS.

NO. 9. APPLES, PEARS AND GRAPES

INTRODUCTIONS NOW AVAILABLE
FROM THE U. S. PLANT INTRODUCTION GARDEN
GLENN DALE, MARYLAND

Prepared by

H. F. Winters

Crop Development Section, New Crops Research Branch
Agricultural Research Service
United States Department of Agriculture

* * *

This report is prepared as a cooperative service to
state and federal experiment stations and presents
evaluation data available on the varieties included.
Varietal names listed are those under which the
material was introduced,

Spring 1958

APPLES

<u>P. I.</u>	<u>Variety</u>	<u>Source</u>
199415	Aromatic Russet	England
	<p>Fruit, medium sized, 2 1/2 inches wide, and about 2 1/4 inches high; roundish ovate, and flattened at both ends. Skin greenish yellow, almost entirely covered with brownish grey russet, and slightly tinged with brownish red on the side exposed to the sun. Eye, small and open, with broad, recurved segments, and set in a rather shallow basin. Stalk, short, inserted in a deep and round cavity. Flesh, greenish yellow, firm, crisp, brisk, sweet and richly aromatic. A very richly flavored dessert apple of the first quality, in use from December to February in England. The tree is very hardy, and an abundant bearer.</p>	
199416	Hereford Red Streak	England
199417	Knobbed Russet	England
	<p>(Knobby Russet; Old Maid's; Winter Apple.) Fruit, medium sized; roundish-oval, and very uneven on its surface, being covered with numerous knobs, or large warts, some of which are the size of peas. Skin, greenish yellow, and covered with thick, scaly russet. Eye, set in a deep basin. Stalk, inserted in a deep cavity. Flesh, yellowish, crisp, sweet, and highly flavored, but not very juicy. A singular looking dessert apple, of first-rate quality; it is in use from December to March in England.</p>	
199418	Lamb Abbey Pearmain (a)	England
	<p>Fruit small, 2 1/4 inches wide and 2 inches high; roundish or oblate-oblong, regularly and handsomely shaped. Skin, smooth greenish yellow in the shaded side, but becoming clear yellow at maturity; on the side next the sun it is dull orange, streaked and striped with red, which becomes more faint as it extends to the shaded side, and dotted all over with minute, punctured, russety dots. Eye, rather large and open, with long, broad, divergent segments, reflexed at the tips, and set in a wide, deep and plaited basin. Flesh yellowish white, firm, crisp, very juicy and sweet, with a brisk and rich vinous flavor. Cells, obovate; axile, open. A dessert apple of first-rate quality, and very valuable, both as regards the richness of its flavor, and the long period to which it remains in perfection; it is in use from January till April in England. The tree is healthy, a free grower, and a good bearer. Raised in the</p>	

<u>P. I.</u>	<u>Variety</u>	<u>Source</u>
	year 1804, by the wife of Neil Malcolm, Esq., of Lamb Abbey, near Dartford, in Kent, from the pip of an imported fruit of the Newtown Pippin.	
199419	Lamb Abbey Pearmain (b)	England
	Propagation material for both introductions of this variety was obtained from the National Fruit Trials at Wisley, England. "A" and "b" were collected by them in different parts of the country.	
199420	Padley's Pippin	England
	A local apple grown in Vermland, Sweden, for which the following characters are claimed: exceptional frost resistance, great scab resistance, long storage life, classified dessert grade II.	
199421	Safstaholms	England
	An old apple which originated in Sweden about 1835. It has a fairly good red color. Beach in "Apples of New York" states. "The flesh lacks piquancy and is not very juicy but because of its distinct aroma and rich subacid flavor it is classed among the good dessert apples." Fruit medium to large, uniform in shape and size.	
200576 200780	Muscadet de Bernay	France
200781	Saint Martin	France
	Somewhat similar to Bess Pool, a round somewhat conical medium sized apple. The skin dull yellow almost covered with flush and dull red, broken stripes, and patches and lines of russet.	
203812	Lowell (Greasy Pippin)	Ireland
	Fruit large, fairly uniform in size but somewhat variable in shape, green at first but becoming rich yellow and waxy. The flesh is somewhat coarse, very juicy and sprightly subacid. Useful as either dessert or culinary apple.	
203813 206025	Greenchisel	Ireland

<u>P. I.</u>	<u>Variety</u>	<u>Source</u>
205048 205049 231789 238789	Lord Lamborne	England
<p>As described in England a free grower with dark green foliage, blossoms early, self fertile, and a heavy cropper. Fruit round, 2 1/2" x 2", Greenish-yellow skin with dark dots on the shaded side, deep red stripes and overlying flush on sunny side. Flesh greenish-yellow, juicy, soft, sweet, pleasant flavor. This variety is used as an indicator for the virus disease "rubbery wood" in other apple varieties. P. I. 205048 and 205049 are known to be free of the disease.</p>		
204588	Malus sp. (Seedlings)	Turkey
<p>"A very sweet, wild apple, dwarf, not a meter high-in a very arid region. Apples are locally renowned."</p>		
205460	Merton Beauty	England
<p>(Ellison's Orange x Cox's Orange Pippin)</p> <p>The tree is upright and vigorous, the yield good and regular. Fruit is medium sized, round, flattened, regular. Skin yellow almost completely covered with crimson. A russet area extends out from the stalk. The flesh is cream colored, juicy and of a rich aromatic flavor.</p>		
205461	Merton Delight	England
205462	Merton Pippin	England
205559	M. prunifolia Sikora Type I	Germany
<p>This German apple rootstock was offered in 1956 but the material available was insufficient to supply the demand. In nursery tests conducted by the Geisenheim Research Station by far the highest degree of uniformity was shown by varieties on <u>Malus prunifolia</u> Sikora Type I.</p>		
206542	Abbondanza	Italy
<p>Introduced from Salonica, but originally came from Italy. It is a very productive, early bearing variety. Fruits are borne characteristically from lateral buds on year-old wood. It often fruits in the nursery row and is a heavy and consistent producer in the orchard. It is not a good keeper and loses flavor quickly after full maturity. Fruit above medium in size, round-oblate to round-conic, sometimes oblique, color attractive red, flavor mild sub-acid, quality good, season late fall and early winter may</p>		

<u>P. I.</u>	<u>Variety</u>	<u>Source</u>
	be of value in breeding for early bearing or as a rootstock.	
209939	Malus sylvestris	South Africa
	A sub-tropical apple growing on the hot, frost-free coast of Natal north of Durban. The large fruits resemble <u>Rome Beauty</u> in flavor.	
220296	M. sylvestris (Seedlings)	Afghanistan
	Seeds purchased in the market at Girishk.	
220529	M. sylvestris (Seedlings)	Afghanistan
	Altitude 1,500 ft. Fruit red with firm white flesh up to 2 inches in diameter; flavor fair.	
220667	M. sylvestris (Seedlings)	Afghanistan
	Small red fruit, few seeds, flavor fair, flesh firm. From altitude of 2,300 ft.	
221938	M. sylvestris (Seedlings)	Afghanistan
	Red-striped fruits about 3 inches in diameter. Flavor good for an early apple.	

GRAPES

213550	Cowtit	Iran
213552	Yaghooti (Ruby)	Iran
213821	Alhaghi	Iran
213829	White Shahani	Iran
214358	Kyoho	Japan
215413	Baco 2-16	France
215416	Burdin 4650	France
215417	Humbert 3	France
215418	Kuhlmann 149-3	France
215420	Kuhlmann 237-2	France

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<u>P. I.</u>	<u>Variety</u>	<u>Source</u>
215423	Landot 760	France
215426	Seibel 13666	France
215429	Seyve-Villard 12-481	France
224215	Seyve-Villard 12417	Italy
224216	Terzi 108.6	Italy
225919	Tetrastigma sp.	Northern Rhodesia

"Vines up to 2" diameter; climbing on trees in open woods near Victoria Falls. Common on dry poor soil. Grapes up to 1/2" in diameter, in clusters." Probably not frost hardy. The plants are herbaceous with tuberous roots. May be of value in breeding work and cytogenetical studies. Grown from seed.

Note: Grape varieties cannot be sent to any State which requires virus indexing before entry.

PEARS

213907 231799	Doyenne du Comice	England
213908	Williams Bon Chretien (Bartlett)	England
214185 233634	Pyrus calleryana D-6 Clone	Australia

A seedling selection which has given consistently good results as a stock for all varieties of pears tried on it in New South Wales. It is said to be very hardy, vigorous and particularly easy to propagate.

228012	Doetsu	Japan
	High resistance to black rot.	
228013	Ishiwase (Nijiseiki x Doetsu)	Japan
	High resistance to black rot.	
228014	Kikusue	Japan
	High resistance to black rot.	

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QUINCE

<u>P. I.</u>	<u>Variety</u>	<u>Source</u>
222101	Cydonia oblonga (Seedlings)	Afghanistan
	Fruits large, light-yellow and sweet. From Market at Kabul. Altitude 6,000 feet.	

WEST INDIAN CHERRY

240685	Malpighia puniceifolia	Puerto Rico
	The parent trees were high producers of fruit with several crops per year, but the ascorbic acid content of the fruit is not known. Requests will be honored only from the more tropical areas of the country since the West Indian Cherry will not tolerate frost.	

